



## NIF and JLF User Group Meeting 2014

### AGENDA

February 9 -12, 2014

Lawrence Livermore National Laboratory

Sunday, February 9

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5:00 pm	Registration Begins Please note: This is a NEW location	Pleasanton Sheraton, Pleasanton
	Pleasanton Sheraton - Four Points Hotel 5115 Hopyard Rd, Pleasanton, CA (925) 460-8800	

5:00 - 7:30 pm    Reception/Check-in

Monday, February 10

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7:30 am	Continental Breakfast Registration Continues	LLNL B543 Atrium
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#### Opening Session

**Session Chair: Chris Keane, LLNL**

8:30	Welcome: Chair, NIF User Group, Oxford University Chair, JLF User Group, University of Michigan LLNL, Director (Acting) LLNL, NIF&PS, Principal Associate Director (Acting) DOE/NNSA DOE/Office of Science	<b>B543 Auditorium</b> Justin Wark Carolyn Kuranz Bret Knapp Jeff Wisoff Kirk Levedahl Sean Finnegan
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9:10	Status of the NIF	Jeff Atherton (LLNL)
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9:45	Hydrodynamics Experiments on the NIF: Scientific Accomplishments and Opportunities.	Don Haynes (LANL)
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10:15	BREAK	
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**Monday, February 10 – Con't**  
**Monday, February 10**

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**NIF Experiments**

**Session Chair: Chris Keane, LLNL**

10:30 am	Probing Matter at Gbar Pressures at the NIF	Dominik Kraus (UC Berkeley)
11:00	Planetary Science on the NIF	Sarah Stewart (Harvard)
11:30	Group Photo: Lunch	B543 Atrium

**NIF Experiments (continued)**

**Session Chair: Justin Wark**

12:30 pm	Prospects for Collisionless Shock Experiments on the NIF	Anatoly Spitkovsky (Princeton)
1:00	X-Ray Diffraction on the NIF	Amy Lazicki (LLNL)
1:30	Fundamental Science – The Path Forward	Chris Keane Justin Wark
2:00	BREAK	<b>B543 Atrium</b>
2:30-5:30 pm	Poster Session I	

**Tuesday, February 11**

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7:30 am	Continental Breakfast Registration Continues	<b>B543 Atrium</b>
8:00	<b>Opening Remarks</b> Jupiter User Group	<b>B543 Auditorium</b> Carolyn Kuranz
	LLNL, Physical and Life Sciences, Associate Director	Glenn Fox
	<b>Jupiter Experiments</b> <b>Session Chair: Carolyn Kuranz</b>	
8:15	Update on the JLF Facility	Bob Cauble (LLNL)
8:45	Magnetized Laser Astrophysics Experiments	Julien Fuchs (Ecole Polytechnique)
9:15	The Interaction of a Relativistically Intense Laser Pulse with Near-Critical Density Plasma	Louise Willingale (Univ. of Michigan)
9:45	Developing Broadband Optical Diagnostics to Probe Material Properties Under Dynamic Loading	Suzanne Ali (UC Berkeley)
10:00	BREAK	

## Tuesday, February 11 – Con't

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10:30	Formation of the Earth-Moon system: Laser Shock Studies on Janus	Dylan Spaulding (Harvard)
11:00	Development of Betatron X-ray Sources for High Energy-Density Science at the Jupiter Laser Facility	Felicie Albert (LLNL)
11:30	<b>LUNCH</b>	
12:15 pm	<b>NUG User Group meeting</b> Session Chair: Justin Wark Platforms- Capabilities and Available Information	Warren Hsing (LLNL)/Peg Folta (LLNL)
1:00	<b>JLF User Meeting</b> Session Chair: Carolyn Kuranz	
2:00-5:00	Poster Session II	<b>B543 Atrium</b>
5:30	Adjourn to Banquet	
6:00 pm	Banquet	Casa Real at Ruby Hill Winery

## Wednesday, February 12

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7:30 am	Continental Breakfast Registration Continues	<b>B543 Atrium</b>
8:00	<b>Opening Remarks:</b> Chair, NIF User Group LLNL, Deputy Director for Science and Technology	<b>B543 Auditorium</b> Justin Wark William H. Goldstein
8:15	Status of the NIF Ignition Program	John Edwards (LLNL)
9:00	User Needs on JLF/NIF	Committees
9:30-12:00 pm	Poster Session III	<b>B543 Atrium</b>
12:00	Summary and Wrap-up Discussion	Justin Wark Carolyn Kuranz Chris Keane Bob Cauble
12:30	Lunch	
1:30 5:00 pm	NIF and JLF Tours Adjourn	

